INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27145

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C23C 14/34; B32B 15/04; 9/00; C04B 35/64 US CL : 204/298.13, 192.17; 423/53, 62, 69, 81, 22, 344; 428/457, 446, 688, 689, 697, 698, 702; 264/667, 668 According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 204/298.13, 192.17; 423/53, 62, 69, 81, 22, 344; 428/457, 446, 688, 689, 697, 698, 702; 264/667, 668, 683, 681			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
Y	US 5,234,642 (NISHIOKA et al) 10 August 1993 (10.08.1993), columns 13-14 1-3 and 14-20		1-3 and 14-20
Y 	US 5,162,272 (PEUCKERT et al.) 10 November 1992 (10.11.1992), column 8, lines 1-45.		1-3
Α			14-20
Y	WO-99/03623 (TOSOH SMD INC) 28 January 1999 (28.01.1999) abstract and pages 2-3.		4-13
Further documents are listed in the continuation of Box C. See patent family annex.			1.150
phone one some or state and		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the	
"A" document of particu	document defining the general state of the art which is not considered to be principle or theory underlying the invention of particular relevance		
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination	
	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as		
"O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in the	art
	published prior to the international filing date but later than the are claimed	"&" document member of the same patent family	
Date of the actual completion of the international search		Date of mailing of the international search report 13 APR 2005	
	05 (30.03.2005)		
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